

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An optical module, comprising:  
a first substrate;  
an electronic device provided on said first substrate;  
an optical device electrically connected to said electronic device;  
a fiber assembly optically coupled to said optical device; and  
a housing ~~for securing said fiber assembly, said housing including a cavity for enclosing~~  
~~said electronic device and said optical device and an opening leading to said cavity,~~  
wherein said first substrate is provided in said opening including a base for mounting said  
optical device and said fiber assembly thereon and a cover for enclosing said electronic device  
and said optical device cooperated with said base and said first substrate, said base having an  
opening through which said first substrate is set to expose said electronics device within said  
cavity.
2. (Cancelled)
3. (Currently Amended) The optical module according to claim 2 1, wherein  
said cover has a first groove having a pair of surfaces for securing said fiber assembly,  
and said base has a second groove having a pair of side surfaces for securing said fiber assembly.
4. (Currently Amended) The optical module according to claim 3, wherein  
said fiber assembly includes an optical fiber and a ferrule for protecting said optical fiber,  
and

said ~~first~~ second groove includes a pair of grooves, one of said pair of grooves securing said ferrule and the other of said pair of grooves securing said optical fiber.

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) The optical module according to claim ~~5~~ 4, wherein  
said optical device is a light-receiving device and  
said base has a third groove extending from said second groove to said light-receiving device and having a light-reflecting surface,  
said light-receiving device receiving light emitted from said fiber assembly and reflected by said light-reflecting surface of said third groove.

8. (Cancelled)

9. (Currently Amended) An optical communication apparatus, comprising:

an optical module ~~including;~~

~~a first substrate;~~

~~an electronic device mounted on said first substrate;~~

~~an optical device connected to said electronic device;~~

~~a fiber assembly optically coupled to said optical device; and~~

~~a housing for securing said fiber assembly, said housing including a cavity for enclosing said electronic device and said optical device, and an opening leading to said cavity and providing said first substrate therein, according to claim 1;~~

a second substrate for installing other electronic devices; and

a wiring member for connecting said first substrate of said optical module to said second substrate,

wherein said wiring member is resilient.

10. (Original) The optical communication apparatus according to claim 9, wherein said wiring member is a flexible printed board.

11. (Currently Amended) The optical communication apparatus according to claim 9, wherein said optical device is a light-emitting device, said electronic device provided in said optical module is a driver for driving said light-emitting device, and said other electronic devices ~~constitutes~~ constitute a signal processing circuit for generating a signal provided to said driver.

12. (Currently Amended) The optical communication apparatus according to claim 9, wherein said optical device is a light-receiving device, said electronic device provided in said optical module is a pre-amplifier for amplifying a signal output from said light-receiving device, and said other electronic devices ~~constitutes~~ constitute a signal processing circuit for processing a signal output from said preamplifier.

13. (Original) The optical communication apparatus according to claim 9, further includes a resin body for enclosing said optical module, said wiring member, said second substrate.

14. (Currently Amended) An optical transceiver, comprising:  
a first optical communication apparatus comprising:  
an optical module including according to claim 11;  
a first substrate;  
an electronic device mounted on said first substrate;  
an optical device connected to said electronic device;  
a fiber assembly optically coupled to said optical device; and  
a housing for securing said fiber assembly, said housing including a cavity for enclosing said electronic device and said optical device, and an opening leading to said cavity and providing said first substrate therein;  
a second substrate for installing other electronic devices; and  
a wiring member for connecting said first substrate of said optical module to said second substrate;  
wherein: said wiring member is resilient, said optical device is a light emitting device, said electronic device provided in said optical module is a driver for driving said light emitting device, and said other electronic devices constitutes a signal processing circuit for generating a signal provided to said driver;  
a second optical communication apparatus according to claim 12; and

a housing for enclosing said first optical communication apparatus and said second optical communication apparatus.

15. (New) An optical module, comprising:

- a first substrate;
- an electronic device provided on said first substrate;
- an optical device electrically connected to said electronic device;
- a fiber assembly optically coupled to said optical device;
- a bench for mounting said optical device and said fiber assembly thereon;
- a housing including a base and a cover for enclosing said electronic device, said optical device and said bench cooperated with said base and said first substrate, said base having a hollow for receiving said bench therein and an opening through which said first substrate is set to expose said electronics device within said cavity.